

Abstract

Glasses are disclosed which are used to produce substrates in flat panel display devices. The glasses exhibit a density less than about 2.45 gm/cm^3 and a liquidus viscosity greater than about 200,000 poises, the glass consisting essentially of the following composition, expressed in terms of mol percent on an oxide basis: 65-75 SiO_2 , 7-13 Al_2O_3 , 5-15 B_2O_3 , 0-3 MgO , 5-15 CaO , 0-5 SrO , and essentially free of BaO . The glasses also exhibit a strain point exceeding 650°C .

10377-03206660